

§ 76.50-1

46 CFR Ch. I (10-1-98 Edition)

through 76.35-15 insofar as is reasonable and practicable.

(b) [Reserved]

**Subpart 76.50—Hand Portable Fire Extinguishers and Semi-portable Fire Extinguishing Systems, Arrangements and Details**

**§ 76.50-1 Application.**

(a) The provisions of this subpart, with the exception of § 76.50-90, shall apply to all vessels contracted for on or after November 19, 1952. Vessels contracted for prior to November 19, 1952, shall meet the requirements of § 76.50-90.

(b) [Reserved]

**§ 76.50-5 Classification.**

(a) Hand portable fire extinguishers and semiportable fire extinguishing systems shall be classified by a combination letter and number symbol, the letter indicating the type of fire which the unit could be expected to extinguish, and the number indicating the relative size of the unit.

(b) The types of fire will be designated as follows:

(1) "A" for fires in ordinary combustible materials where the quenching and cooling effects of quantities of water, or solutions containing large percentages of water, are of first importance.

(2) "B" for fires in flammable liquids, greases, etc., where a blanketing effect is essential.

(3) "C" for fires in electrical equipment where the use of nonconducting extinguishing agent is of first importance.

(c) The number designations for size will start with "I" for the smallest to "V" for the largest. Sizes I and II are

considered hand portable fire extinguishers and sizes III, IV and V are considered semiportable fire extinguishing systems which shall be fitted with suitable hose and nozzle or other practicable means so that all portions of the space concerned may be covered. Examples of size graduations for some of the typical hand portable and semiportable fire extinguishing systems are set forth in table 76.50-5(c).

TABLE 76.50-5(c)

Classification		Soda acid and water, gallons	Foam, gallons	Carbon dioxide, pounds	Dry chemical, pounds
Type	Size				
A .....	II .....	2½	2½	.....	.....
B .....	I .....	.....	1¼	4	.....
B .....	II .....	.....	2½	15	10
B .....	III .....	.....	12	35	20
B .....	IV .....	.....	20	50	30
B .....	V .....	.....	40	100	50
C .....	I .....	.....	.....	4	2
C .....	II .....	.....	.....	15	10

(d) All hand portable fire extinguishers and semiportable fire extinguishing systems shall have permanently attached thereto a metallic name plate giving the name of the item, the rated capacity in gallons, quarts, or pounds, the name and address of the person or firm for whom approved, and the identifying mark of the actual manufacturer.

(e) Vaporizing-liquid type fire extinguishers, containing carbon tetrachloride or chlorobromomethane or other toxic vaporizing liquids shall be removed from all vessels.

**§ 76.50-10 Location.**

(a) Approved hand portable fire extinguishers and semiportable fire extinguishing systems shall be installed in accordance with table 76.50-10(a).

TABLE 76.50-10(A)

Hand portable fire extinguisher and semiportable fire extinguishing systems		
Space	Classification (see § 76.50-5)	Quantity and location
<i>Safety area</i> <sup>1</sup>		
Wheelhouse or fire control room .....	A-II, B-II, C-II.	1 of each classification on vessels over 1,000 gross tons. (Not required in both spaces.) (Multiple classification may be recognized.)
Stairway and elevator enclosures .....	.....	None required.